

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

1.-12. (Canceled)

13.(New) A viscosity sensor system for measuring a viscosity of a liquid and at least one additional property of the liquid, comprising:

a piezoelectric viscosity sensor device that is situated completely in the liquid that is to be measured and that has on a surface thereof first electrical contact points for an electrical controlling of volume oscillations, the first contact points being resistant in relation to the liquid;

first electrical supply lines that are resistant in relation to the liquid and that are connected on the one hand to a control/evaluation electronics unit outside the liquid and on the other hand to the first contact points on the surface of the viscosity sensor device; and

a second sensor device for acquiring the at least one additional property of the liquid, the second sensor device being provided on the surface of the viscosity sensor device and including second electrical contact points on the surface of the viscosity sensor device for an electrical controlling, the second contact points being resistant in relation to the liquid; and

second electrical supply lines that are resistant in relation to the liquid and that are connected on the one hand to the control/evaluation electronics unit outside the liquid and on the other hand to the second contact points.

14.(New) The viscosity sensor system as recited in Claim 13, further comprising:
an electrical control unit, wherein:

the piezoelectric viscosity sensor device includes a disk-shaped quartz crystal that can be excited to shear oscillations by the electrical control unit, and

the first contact points of the viscosity sensor device are formed on a front side and on a rear side of the disk-shaped quartz crystal.

- 15.(New) The viscosity sensor system as recited in Claim 14, wherein:
the first contact points of the viscosity sensor device leave the front side and the rear side exposed in an edge area, and
the second sensor device is provided in the edge area.
- 16.(New) The viscosity sensor system as recited in Claim 13, wherein:
the second sensor device is provided in an electrically insulated fashion on the first contact points of the viscosity sensor device.
- 17.(New) The viscosity sensor system as recited in Claim 16, wherein:
the second contact points are provided in an electrically insulated fashion on the first contact points of the viscosity sensor device.
- 18.(New) The viscosity sensor system as recited in Claim 13, wherein:
the first electrical supply lines include contact springs.
- 19.(New) The viscosity sensor system as recited in Claim 18, wherein:
the second electrical supply lines include contact springs.
- 20.(New) The viscosity sensor system as recited in Claim 19, wherein:
the first contact springs and the second contact springs are combined in two-pole contact springs.
- 21.(New) The viscosity sensor system as recited in Claim 13, further comprising:
a container including a base and a cap, wherein:
the viscosity sensor device is situated in the protective container, and
the protective container is capable of being brought into the liquid.
- 22.(New) The viscosity sensor system as recited in Claim 21, further comprising:
bushings, wherein:
the first and second electrical supply lines are led out from the protective container through the bushings in at least one of the cap and the base of the protective container.
- 23.(New) The viscosity sensor system as recited in Claim 22, wherein:
the bushings includes glass bushings.

24.(New), The viscosity sensor system as recited in Claim 13, wherein:
the second sensor device includes a temperature sensor device.

25.(New) The viscosity sensor system as recited in Claim 13, wherein:
the second sensor device includes a capacitive sensor device.